

CLASSIFICATION

25X1A

SECRET  
CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

REPORT NO. 

CD NO.

COUNTRY

Austria

DATE DISTR. 17 March 1955

SUBJECT

Soviet Document Pertaining to Fuel Analysis

NO. OF PAGES 2

25X1

PLACE  
ACQUIREDNO. OF ENCLS.  
(LISTED BELOW)DATE OF  
INFO.SUPPLEMENT TO  
REPORT NO.

632998

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES. WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U. S. CODE, AS AMENDED, ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE

25X1X

The following is a translation of an original document which was found on 2 February 1954 in the Strasshof (P 49/S 50) military post, on the road about 400 meters southwest of the "Camp on the edge of the wood":

1

Tank Truck  25X1  
Holding capacity No 9  
Analysis of laboratory No 286  
of 5 September 1953

Analysis No 136  
of Fuel

Current Nos	Physical and Chemical Characteristics	Results of Measurements	Remarks
1	Density	0817	
2	Fractional composition		
	a. Temperature at the beginning of the distillation in centigrades	140	
	b. 10 percent are distilled at	161	
	c. 50 percent are distilled at	191	
	d. 90 percent are distilled at	237	
	e. 98 percent are distilled at	263	
	f. Residue and loss in percentage	0.2	
3	Kinetic viscosity of residue		
	a. at 20 centigrades	1.66	

25X1

CLASSIFICATION

SECRET

STATE	X	NAVY	X	NSRB	DISTRIBUTION	OSI Ev	X		
ARMY	#	X	AIR	#	X	FBI			

DIRECT

SECRET/

25X1A

Current Nos	Physical and Chemical Characteristics	Results of Measurements	Remarks
	b. at 0 centigrades	-	
	c. at 40 "	-	
	d. at 50 "	-	
4	Acid content in milligrams KOH per 100 milliliters of fuel	0.36	
5	Flashing point (according Martens-Plenski) in centigrades	31	
6	Content of resins in milligrams per 100 milliliters of fuel	0.4	illegible
7	Percentage of sulphur	0.5	
8	Content of water-soluble acids and alkalis	none	
9	Percentage of ashes	0.003	
10	Content of mechanical contamination and water	none	
11	Freezing temperature	-	
12	Temperature at which fuel becomes turbid	-	

Conclusion: The quality of the fuel comes up to requirements of the GOST No 4138-43.

Chief -

Assistant chemist: signature illegible

2

25X1B

25X1A 1. ☐ Comment. ☐ probably belongs to an air force ground unit in Deutsch Wagram which has not been identified so far. Deutsch Wagram/Strasshof airfield is believed to be occupied by a Soviet fighter regiment equipped with MiG-15s.

2. ☐ Comment. The fuel definitely is a mixture of petroleum and probably a small quantity of test gasoline. The presence of a small percentage of agents designed to lower the solidification point is believed probable. It is believed that the analyzed fuel is used for jet engines.

2-02-0404

3/55

2-5/735.5

N

SECRET